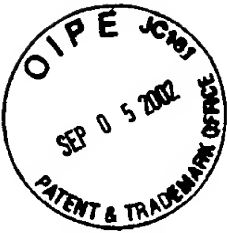


PATENT
KIK01 P322



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 2863
Examiner : Xiuquin Sun
Applicant : Kenichiro Kobayashi
Serial No. : 09/838,905
Filed : April 20, 2001
Confirmation No. : 1673
For : **METHOD AND APPARATUS TO MEASURE AMOUNT OF
MOVEMENT USING GRANULAR SPECK PATTERN GENERATED
BY REFLECTING LASER BEAM**

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

AMENDMENT

Responsive to the Office Action mailed June 4, 2002, please amend the above-identified application as follows. A marked-up copy of the claims being amended follows in Appendix A.

In the Claims

Please amend claims 1, 2, 6, 7, 8, and 13 as follows:

1. A lensless method for measuring the amount which an object to be measured has moved in a plane and back-and-forth using a granular speck pattern generated by a reflecting laser beam in non-contact fashion comprising steps of:
 - irradiating an object to be measured with a laser beam;
 - directly detecting the granular speck pattern generated by the reflecting laser beam by a detector and using the detected speck pattern as an index;
 - moving the object toward or away from the detector;

9/A
S. Ray
9/19/02

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